Amendments to the Claims:

Please amend the claims as follows. This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (Currently Amended) A composite electrical collector, for use in transferring electricity to or from a conductor and to make sliding contact with the conductor, the collector comprising a metal mesh embedded in a tribologically acceptable matrix selected from the group consisting of:-

   non metal-impregnated carbon materials,

   coke/graphite/resin composites,

   ceramic materials,

   carbon/ceramic mixes and

   high temperature thermoplastics loaded with appropriate fillers.

2. (Currently Amended) A composite electrical collector as claimed in Claim 1, in which the tribologically acceptable matrix additionally comprises one or more additives selected from the group consisting of:-

   strengthening and/or electrically conductivity improving fibres;

   thermally conductive materials;

   electrically conductive fillers;

   abrasive materials;

   lubricants and

   antioxidants.

3. (Currently Amended) A composite electrical collector as claimed in Claim 1~~or Claim 2~~, in which the carbon based material is a coke/graphite/resin mix.

4. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 3~~Claim 1, in which the metal mesh is a copper mesh.

5. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 4~~Claim 1, in which the metal mesh embedded in a tribologically acceptable matrix consists of a pressed laminated body of coke/graphite/resin matrix material and metal mesh.

6. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 5~~Claim 1, in which one or more non-metallic strengthening web layers are provided in addition to the metal mesh.

7. (Original) A composite electrical collector as claimed in Claim 6, in which the non-metallic strengthening web layers are distributed non-uniformly within the body of the collector.

8. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 7~~Claim 1, in which the metal mesh comprises a plurality of metal meshes embedded in the tribologically acceptable matrix.

9. (Original) A composite electrical collector as claimed in Claim 8, in which the plurality of metal meshes are distributed non-uniformly within the body of the collector.

10. (Currently Amended) A composite electrical collector as claimed in ~~any one of Claims 1 to 9~~Claim 1, in which the metal mesh is disposed non-perpendicular to a conductor contacting face of the collector.

11. (Currently Amended) A method of making a composite electrical collector as claimed in ~~any preceding claim~~Claim 1 in which layers of matrix material and metal mesh are pressed together to form a laminated structure without a metal impregnation step.

12. (Original) A method, as claimed in Claim 11, in which the laminated structure is raised to an elevated temperature after or during pressing.

13. (Original) A method, as claimed in Claim 12, in which the laminated structure is kilned under an inert atmosphere.

14. (Currently Amended) A method, as claimed in ~~any one of Claims 11 to 13~~Claim 11, in which the laminated structure is resin impregnated after forming.

15. (Currently Amended) An electrically powered vehicle drawing current from a conductor by a collector as claimed in ~~any one of Claims 1 to 10~~Claim 1.